

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

James A. Proctor, Jr.

Patent No.: 7,496,072

Issued: February 24, 2009

Appln. No.: 09/997,733

Filed: November 29, 2001

Confirmation No.: 4012

For: SYSTEM AND METHOD FOR
CONTROLLING SIGNAL STRENGTH OVER
A REVERSE LINK OF A CDMA WIRELESS
COMMUNICATION SYSTEM

Our File: TAN-2-1403.06.US

Date: June 5, 2009

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 7,496,072. Correction of the following errors is requested.

Patentee: James A. Proctor, Jr.
Patent No.: 7,496,072

ON THE FACE PAGE

At section (56), U.S. PATENT DOCUMENTS, page 2, left column, after line beginning with “5,373,502”, delete “5,375,124 A 12/1994 D’Amrogio et al.” and insert therefor --5,375,124 A 12/1994 D’Ambrogio et al.--.

At section (56), U.S. PATENT DOCUMENTS, page 2, left column, after line beginning with “5,758,288”, delete “5,781,542 A * 7/1998 Ault et al. ... 370/342” and insert therefor --5,781,542 A * 7/1998 Tanaka et al. ... 370/342--.

At section (56), U.S. PATENT DOCUMENTS, page 2, right column, after line beginning with “6,031,827”, delete “6,049,535 A * 4/2000 Ozukturk et al. ... 370/335” and insert therefor --6,049,535 A * 4/2000 Ozluturk et al. ... 370/335--.

At section (56), U.S. PATENT DOCUMENTS, page 3, left column, delete line beginning with “6,504,830” and insert therefor --6,504,830 B1 1/2003 Östberg et al. ... 370/342--.

At section (56), U.S. PATENT DOCUMENTS, page 3, left column, delete line beginning with “2002/0012332”, and insert therefor --2002/0012332 A1 1/2002 Tiedemann et al.--.

At section (56), OTHER PUBLICATIONS, page 3, right column, delete line 2, and insert therefor --cations Networks, Jun. 18, 1995--.

Patentee: James A. Proctor, Jr.
Patent No.: 7,496,072

At section (56), OTHER PUBLICATIONS, page 3, right column, delete line beginning with “#531-981-20814-95C” and insert therefor

--#531-981-20814-95C , part 2 on 3GPP2 website (ftp://ftp.3gpp2.org/--.

At section (56), OTHER PUBLICATIONS, page 4, at bottom of left column, insert

--Attachment 2, High Speed Data RLP Lucent Technologies, Version 0.1, January 16, 1997.

Azad et al., Multirate Spread Spectrum Direct Sequence CDMA Techniques, 1994, The Institute of Electrical Engineers.

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Support for 14.4 kbps Data Rate and PCS Interaction for Wideband Spread Spectrum Cellular Systems. TSB74, December 1995. TIA/EIA Telecommunications Systems Bulletin.

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Patentee: James A. Proctor, Jr.
Patent No.: 7,496,072

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WWW.CDG.ORG/NEWS/PRESS/1997.ASP. CDA Press Release Archive, 1997.--.

IN THE SPECIFICATION

At column 2, line 21, after the word “Access” delete “(EDNA)” and insert therefor
--(FDMA)--.

At column 3, delete lines 5-13, and insert therefor
--In addition, the existing CDMA system requires certain operations before a channel
can be used. Both access and traffic channels are modulated by so-called long code
pseudonoise (PN) sequences; therefore, in order for the receiver to work properly it
must first be synchronized with the transmitter. The setting up and tearing down of
channels therefore requires overhead to perform such synchronization. This overhead
results in a noticeable delay to the user of the subscriber unit.--.

At column 5, line 57, after the word “standard” delete “ISON” and insert therefor
--ISDN--.

At column 6, line 58, before the word “these” delete “bands” and insert therefor
--band--.

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At column 9, line 47, after “**400**,” delete “to” and insert therefor --or--.

IN THE CLAIMS

At claim 1, column 10, line 17, before the words “at least” insert --control--.

At claim 6, column 10, line 50, before the words “no data” delete “there is”.

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REMARKS

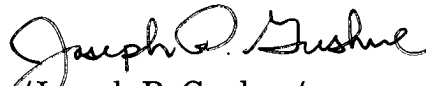
Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Since at least one of the errors was caused by Applicants, please charge the surcharge fee pursuant to C.F.R. §1.20(a) of \$100.00 to the Deposit Account of InterDigital Communications Corporation, Deposit Account No. 09-0435.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

James A. Proctor, Jr.


By Joseph P. Gushue/
Joseph P. Gushue
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(215) 568-6400

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United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

JPG/emb

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | ATTY. DOCKET NO. TAN-2-1403.06.US | SERIAL NO. 09/997,733 |
| | APPLICANT James A. Proctor, Jr. | |
| | FILING DATE November 29, 2001 | GROUP 2619 |



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| EXAMINER /Venkatesh Haliyur/ | DATE CONSIDERED 09/17/2008 |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1 Corresponds to EP 0635949

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|---------------------|--|-----------------|---------|---------------------|-------|----------|-------------------------------|
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| | <p>APPLICANT James A. Proctor, Jr.</p> | |
| | <p>FILING DATE November 29, 2001</p> | <p>GROUP 2619</p> |

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 5

PATENT NO. : 7,496,072

APPLICATION NO.: 09/997,733

ISSUE DATE : February 24, 2009

INVENTOR(S) : James A. Proctor Jr.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE FACE PAGE

At section (56), U.S. PATENT DOCUMENTS, page 2, left column, after line beginning with "5,373,502", delete "5,375,124 A 12/1994 D'Amgrogio et al." and insert therefor --5,375,124 A 12/1994 D'Ambrogio et al.--.

At section (56), U.S. PATENT DOCUMENTS, page 2, left column, after line beginning with "5,758,288", delete "5,781,542 A * 7/1998 Ault et al. ... 370/342" and insert therefor --5,781,542 A * 7/1998 Tanaka et al. ... 370/342--.

At section (56), U.S. PATENT DOCUMENTS, page 2, right column, after line beginning with "6,031,827", delete "6,049,535 A * 4/2000 Ozukturk et al. ... 370/335" and insert therefor --6,049,535 A * 4/2000 Ozluturk et al. ... 370/335--.

At section (56), U.S. PATENT DOCUMENTS, page 3, left column, delete line beginning with "6,504,830" and insert therefor --6,504,830 B1 1/2003 Östberg et al. ... 370/342--.

At section (56), U.S. PATENT DOCUMENTS, page 3, left column, delete line beginning with "2002/0012332", and insert therefor --2002/0012332 A1 1/2002 Tiedemann et al.--.

At section (56), OTHER PUBLICATIONS, page 3, right column, delete line 2, and insert therefor --cations Networks, Jun. 18, 1995--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PATENT NO. : 7,496,072
 APPLICATION NO.: 09/997,733
 ISSUE DATE : February 24, 2009
 INVENTOR(S) : James A. Proctor Jr.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At section (56), OTHER PUBLICATIONS, page 3, right column, delete line beginning with
 “#531-981-20814-95C” and insert therefor
 --#531-981-20814-95C , part 2 on 3GPP2 website (<ftp://ftp.3gpp2.org/-->).

At section (56), OTHER PUBLICATIONS, page 4, at bottom of left column, insert
 --Attachment 2, High Speed Data RLP Lucent Technologies, Version 0.1, January 16, 1997.
 Azad et al., Multirate Spread Spectrum Direct Sequence CDMA Techniques, 1994, The Institute of
 Electrical Engineers.
 Data Service Options for Wideband Spread Spectrum Systems. TIA/EIA Interim Standard.
 TIA/EIA/IS-707-A. April 1999.
 Data Service Options for Wideband Spread Spectrum Systems: Introduction, PN-3676.1 (to be published
 as TIA/EIA/IS-707.1), March 20, 1997 (Content Revision 1).
 Data Services Option Standard for Wideband Spread Spectrum Digital Cellular System. TIA/EIA/IS-99.
 TIA/EIA Interim Standard. July 1995.
 Data Services Options Standard for Wideband Spread Spectrum Systems: Packet Data Services.
 PN-3676.5 (to be published as TIA/EIA/IS-707.5) Ballot Version, May 30, 1997.
 Ejzak, et al. Proposal for High Speed Packet Data Service, Version 0.1. Lucent Technologies, January
 16, 1997.
 Heine, Gunnar, “The Air-Interface of GSM”, in GSM Networks: Protocols, Terminology, and
 Implementation, (MA: Artech House, Inc.), pp. 89-100 (1999).
 Honkasalo, Harri. High Speed Data Air Interface. 1996.
 Introduction to cdma2000 Spread Spectrum Systems, Release C. TIA/EIA Interim Standard.
 TIA/EIA/IS-2000.1-C. May, 2002.

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Page 3 of 5

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Knisely, Douglas, N. Telecommunications Industry Association Subcommittee TR-45.5 - Wideband Spread Spectrum Digital Technologies Standards. Banff, Alberta. February 24, 1997 (TR45.5/97.02.24) 21.

Knisely, Douglas, N. Telecommunications Industry Association Subcommittee TR-45.5 - Wideband Spread Spectrum Digital Technologies Standards, Working Group III-Physical Layer. Banff, Alberta. February 24, 1997 (TR45.5/97.02.24)22.

Melanchuk et al.. CDPD and Emerging Digital Cellular Systems, Digest of Papers of COMPCN, Computer Society Conference 1996, Santa Clara, CA, no. CONF. 41, February 25, 1996, pp. 2-8, XP000628458.

Motorola, Version 1.0. Motorola High Speed Data Air Interface Proposal Comparisons and Recommendations. January 27, 1997.

MSC-BS Interface (A-Interface) for Public 800 MHz. TIA/EIA/IS-634-A. TIA/EIA Interim Standard (Revision of TIA/EIA/IS-634) July 1998.

MSC-BS Interface for Public 800 MHz. TIA/EIA/IS-634. TIA/EIA Interim Standard, December 1995.

Ott, David TR45.5, CDMA WBSS Technical Standards Meeting Summary. February 24-28, 1997 Banff, Alberta.

Ovesjö Frederik, European Telecommunication Standard, SMG2 UMTS Physical Layer Expert Group, "UTRA Physical Layer Descriptions FDD parts" (v0.4, 1998-06-25), pp. 1-41, XP-002141421.

Physical Layer Standard for cdma2000 Spread Spectrum Systems, Release C. TIA/EIA Interim Standard. TIA.EIA/IS-2000.2C. May, 2002.

Shacham, et al., "A Selective-Repeat-ARQ Protocol for Parallel Channels and Its Resequencing Analysis," IEEE Transactions On Communications, XP000297814, 40 (4): 773-782 (Apr. 1997).

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Analysis," IEEE Transactions On Communications, XP000297814, 40 (4): 773-782 (Apr. 1997).
Simpson, W. (Editor). "RFC 1661 - The Point-to-Point Protocol (PPP)." Network Working Group, July 1994, pgs. 1-35. <http://www.faqs.org/rfcs/rfc1661.html>.
Simpson, W. (Editor). "RFC 1662 - PPP in HDLC-Like Framing." Network Working Group, July 1994, pgs. 1-17. <http://www.faqs.org/rfcs/rfc1662.html>.
Stage 1 Service Description for Data Services - High Speed Data Services (Version 0.10) CDG RF 38. December 3, 1996.
Support for 14.4 kbps Data Rate and PCS Interaction for Wideband Spread Spectrum Cellular Systems. TSB74, December 1995. TIA/EIA Telecommunications Systems Bulletin.
Telecommunications Industry Association Meeting Summary. Task Group I, Working Group III, Subcommittee TR45.5. February 24-27, 1997. Banff, Alberta.
Telecommunications Industry Association Meeting Summary. Task Group I, Working Group III, Subcommittee TR45.5. January 6-8, 1997. Newport Beach, California.
Upper Layer (Layer 3) Signaling Standard for cdma2000 Spread Spectrum Systems, Release C. TIA/EIA Interim Standard. TIA/EIA/IS-2000.5-C. May, 2002.
WWW.CDG.ORG/NEWS/PRESS/1997.ASP. CDA Press Release Archive, 1997.--.

IN THE SPECIFICATION

At column 2, line 21, after the word "Access" delete "(EDNA)" and insert therefor --(FDMA)--.

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ISSUE DATE : February 24, 2009

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At column 3, delete lines 5-13, and insert therefor --In addition, the existing CDMA system requires certain operations before a channel can be used. Both access and traffic channels are modulated by so-called long code pseudonoise (PN) sequences; therefore, in order for the receiver to work properly it must first be synchronized with the transmitter. The setting up and tearing down of channels therefore requires overhead to perform such synchronization. This overhead results in a noticeable delay to the user of the subscriber unit.--.

At column 5, line 57, after the word "standard" delete "ISON" and insert therefor --ISDN--.

At column 6, line 58, before the word "these" delete "bands" and insert therefor --band--.

At column 9, line 47, after "400," delete "to" and insert therefor --or--.

IN THE CLAIMS

At claim 1, column 10, line 17, before the words "at least" insert --control--.

At claim 6, column 10, line 50, before the words "no data" delete "there is".

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